SECRET

JEF-802-621

DC-FP-1505
PROPOSAL

15 May 1964

Dear John:

Attached is our proposal for an improved helmet which was requested through your submission of the Scope of Work (attached).

We believe the proposal -- although brief -- is self-explanatory; however, should there be any questions, please call.

Regards,

25X1A [redacted]

JAR:MM

Enclosure

SECRET

Encl #1
IOEA-1717/A
COPY 1 OF 1

SECRET

SCOPE OF WORK

1. Scope:

The purpose of this procurement is to obtain three (3) high altitude flying helmets complete with neck seal bladder assembly.

2. General Requirements:

The helmets shall be generally configured as is the HGU-8/P helmet assembly complete with neck seal bladder.

3. Specific Requirements:

a. The helmets shall incorporate the mechanical visor seal device and feeding port presently incorporated in the NASA Gemini helmet.

b. An antisuffocation device shall be provided.

c. A conductive coated heated visor shall be provided.

d. The neck seal bladder assembly shall integrate with the MC-3A or X-99 partial pressure coverall.

e. The standard communication and face plate heat electrical leads shall be equipped with a Viking VR7/BAA15 male connector.

(1) There shall be a secondary (emergency) communication connector of type U-93A/U (male jack) integrated with the standard communications leads.

(2) There shall be a secondary (emergency) face plate heat connector of type Deutsch EM(c)624-3P integrated with the standard face plate heat leads.

f. The helmet shall be of the minimum possible weight but in no case shall it exceed 5.75 pounds.

g. The visor cam metal shall be polished and of adequate hardness to prevent gooping and faulty visor operation following repeated use.

h. The electrical connections to the heated visor shall be continuous wiring in type and not of the make and break contact type.

i. Except where specific requirements are in opposition, the helmet assembly and all component parts shall conform to Specification MIL-H-27684(USAF).

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ENCL #2
IDEA-1717/A

JEF-802-621

IMPROVED HIGH ALTITUDE FLYING HELMET

Cost Proposal

Reference: Scope of Work - IDEA 1717

The David Clark Company proposes to fabricate three (3) each helmets conforming to the designs called out in the referenced scope of work.

This Cost Proposal is based on the fact that at the present time the David Clark Company is engaged in production of the HGU-8/P Helmet for [redacted] and also engaged in production of helmets for the Gemini Space Program. This provides an opportunity to minimize the cost of component parts which will not change in design or function.

25X1A

$2700

Cost details are as follows:

ENGINEERING -

Direct Labor	$ [redacted]	25X1A
Manufacturing Overhead [redacted] of Direct Labor)	[redacted]	25X1A
Materials	[redacted]	25X1A
Sub total	[redacted]	
General & Administrative Expense (13%)	[redacted]	25X1A
Sub total	[redacted]	
Profit [redacted]	[redacted]	25X1A
TOTAL	$ 10,000.00	

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